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THE BEST FAQs OF 2017

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HOW CAN THE DRIVER BE INSTALLED IN WINDOWS 10?

Product: Gateway KNX RS232-RS485 I **Manufacturer**: Arcus I **Reference**: 40220186 - KNX-GW-RS232-RS485 I **Web Code**: 9653 **Product link**

FAQ:
To be able to do this you have to enable the possibility of installing unsigned Windows 10 drivers

Steps:
- Press “Win + X”.
- Navigate to “Shutdown” and then “Shift + Left Click” on the “Restart” option.
- The above action will restart the system. Select “Troubleshooting” option.
- In the next section select “Advanced options” and then “Start-up Settings”.
- One more time select “Restart”.
- Some options will be shown. Select option “7” or “F7” and the system will be restarted with the disable driver signature enforcement.
- Now any unsigned driver could be installed.

HOW TO CHECK THE REALKNX SERVER (SYNOLOGY) HAS DETECTED THE PROSERV KNX-IP GATEWAY?

Product: RealKNX package (proServ + realKNX) Voice control I **Manufacturer**: BleuCommAzur I **Reference**: pack-realKNX I **Web Code**: 18065 **Product link**

FAQ:
To verify the realKNX server (Synology) has correctly detected the ProServ KNX-IP gateway, you should type in your web browser:

http://[IP_address_realKNX_server]:8081/proserv/settings-en.html

and notice the assigned IP address is the same than the gateway.

WHAT TO DO TO RECOGNIZE VOICE COMMANDS BY SIRI WHEN YOU ARE AWAY FROM HOME, THAT IS, FROM INTERNET?

Product: RealKNX package (proServ + realKNX) Voice control I **Manufacturer**: BleuCommAzur I **Reference**: pack-realKNX I **Web Code**: 18065 **Product link**

FAQ:
There are 2 options, through an Apple TV device or using an iPad connected to the home WiFi.

If you use the iPad, you should consider:
- Use the same user (Apple ID) on the mobile and iPad.
- Activate HomeKit accesories option in "Settings / HomeKit".

In this way, the Ipad will work as a bridge and when you will not be connected to the WiFi of the house.

TO TAKE INTO ACCOUNT IN THE MEDIA COUPLER SET UP:

Product: Media coupler I **Manufacturer**: Hager I **Reference**: TR131A I **Web Code**: 10488 **Product link**

FAQ:
To be able to open the ETS application program of the media coupler, you must have the following points well configured:

- The physical address of the media coupler must be on an independent line exclusively for RF.
- The media coupler must be connected to the bus and correctly powered.
- The physical address of the ETS programming interface must be on a different line than the media coupler.
- The bus controller must be correctly selected in the ETS and connected to the bus.

Do not forget that because it is a media coupler, it has a table of filters by default it is empty and activated, so it will not pass any group address until the table is configured in the same way as a line coupler.

DESCRIPTION OF COMMUNICATION OBJECTS

Product: Pulse counter module 1 channel S0 I **Manufacturer**: Arcus I **Reference**: KNX-IMPZ1-SK01 I **Web Code**: 9542 | **Product link**

FAQ:

- Object 0, "Value Scale 1": Accumulative value of the counter.
- Object 2, "Flow Rate": Volume / time units (as indicated as parameter)
- Object 4, "Reference Value Scale 1": This obj. saves the value of the main counter at the time the date established in object 15 is reached, "Next Reference Date". It is usually used to set future/periodic dates for billing and keep as a reference the new accumulated value.
- Object 6, "Consumption Value Scale 1": Additional counter which allows to be reset to 0 by the obj. 16, "Consumption reset". To reset, it allows to enter a PIN as a security element. The most common use is to know the consumption in certain periods (hours, days, etc.)
- Object 17 and 18: The date and time are send to the bus at the time the reset was sent via object 16.
- Object 14, "Last Reference Date": It stores the value of the date already passed from object 15, "Next Reference Date".
- Object 15, "Next Reference Date": It saves the value of the date in which the value of object 0 will be saved, "Value Scale 1", to object 4, "Reference Value Scale 1".
- Object 16, "Consumption Reset": When it receives the PIN set in parameters, object 6 is updated with value 0.
- Object 17 and 18, "Consumption Reset Time" and "Consumption Reset Date": They send to the bus the date and time at the time the reset was sent via object 6, "Comsuption Value Scale 1", upon receiving the correct PIN in object 16, "Consumption Reset".

PARAMETERIZATION OF THE APPLICATION PROGRAM

Product: Pulse counter module 1 channel S0 I **Manufacturer**: Arcus I **Reference**: KNX-IMPZ1-SK01 I **Web Code**: 9542 | **Product link**

FAQ:

General Settings:

- "Reset Pin": It is used to set the PIN to be written in object 16, "Consumption Reset", in order to set to 0 the object 6, "Comsuption Value Scale 1". It must be a numeric value from 1 to 65535.
- "Number of Scales": Selecting "2", an additional counter is added.
- "It flowrate drops": If "Send 0" is selected, when the pressure drops, a "0" is sent.

Channel Settings:

- "Counts per Unit": The volume unit is selected according to the counter used. For example, selecting "10" ("Counts per Unit") and "10 ^ 3" would set m^3.
- "Flow Measurement Period": The unit of time (second, minute, hour or day) is selected.

HOW TO CONTROL MASTER / SLAVE DEVICES WITH GROUP OBJECTS

Product: Gateway KNX – SONOS I **Manufacturer**: ISE I **Reference**: 1-0001-002 I **Web Code**: 16209 **Product link**

FAQ:

The IP addresses of the Master devices and the Slaves belonging to each group are defined in the ETS application program. To be able to control the slaves of a certain group with the group objects, it must be ensured that they are included within the group using objects 40, 50, 60, 70 and 80, for example for group 1 (Group 1 - Add/Remove slave X to/from this Master-Slave group).

Sonos uses dynamic groups and by default the Slaves devices are not included in the group, so you have to add them by writing the value 1 in the respective objects.